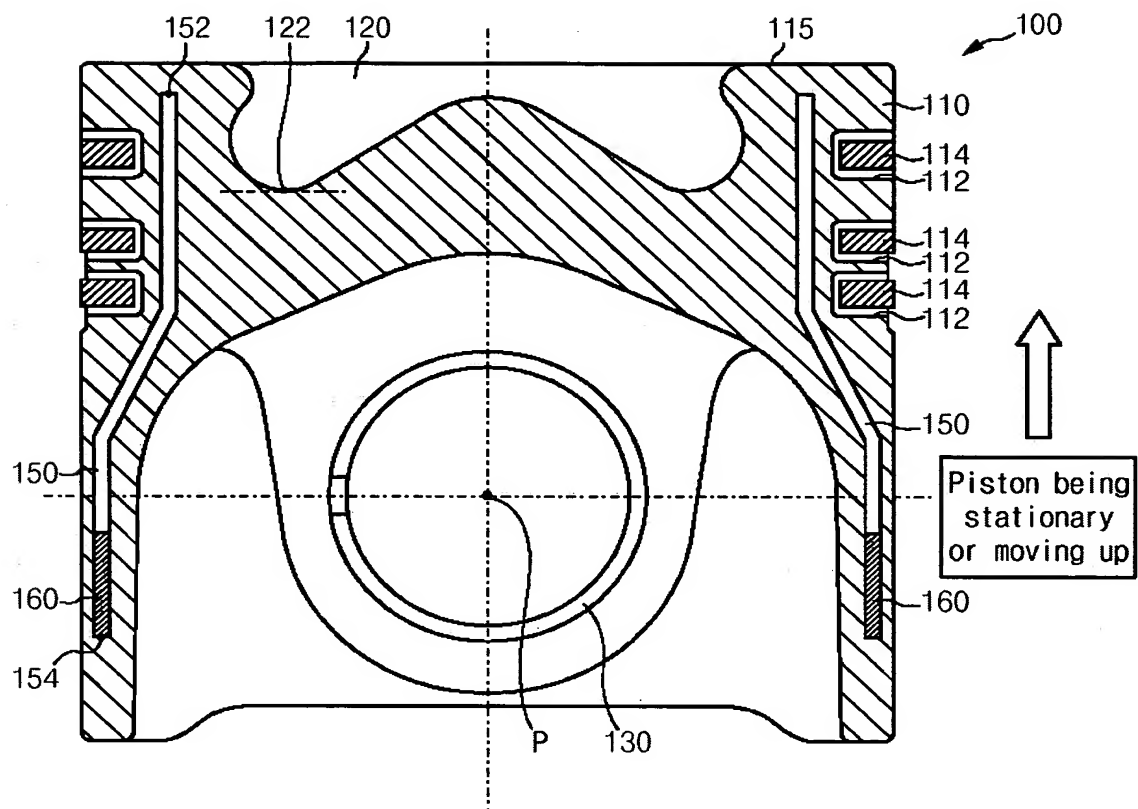


FIG. 1



This diagram shows a cross-section of the combustion chamber during the compression stroke. The piston 130 is moving down, as indicated by the arrow labeled "Piston moving down". The piston rings 132 are shown sealing against the cylinder wall 110. The intake valve 150 is closed. The fuel injection system 160 is shown injecting fuel into the combustion chamber through the nozzle 152. The spray angle 122 is indicated. The fuel jet 120 is shown. The piston pin 154 is also visible.

Piston
moving
down